

**TEMPLATE B**  
**RESPONSE FOR CAPACITY-BUILDING NEEDS-ASSESSMENT: “Space2030” Agenda Mid-term Review**

**For Member States**

NOTE BY SECRETARIAT: the following template is designed to allow Member States to provide standardized responses to any of the 4 Overarching Objectives and to demonstrate their respective challenges and needs

<b>Overarching objective [4]</b>	[4.3. 4.5. 4.6. 4.8.]
<b>Country</b>	Republic of Korea
<b>Outline the nature of your national challenge(s)</b>	Space Debris Management
<b>Please explain more, including whether you have already identified a space solution?</b>	As the global space economy expands, managing space debris and ensuring the long-term sustainability of space activities have become critical challenges. The Republic of Korea, with its growing space infrastructure, faces the issue of contributing to space sustainability, especially in the context of increasing satellite launches and growing commercial space activity.
<b>What kind of assistance would be most beneficial for you in this regard?</b>	<b>Technical Assistance for Space Debris Mitigation:</b> Advanced support in the development of active debris removal (ADR) technologies and the enhancement of space debris tracking systems. <b>Satellite Monitoring and Tracking Systems:</b> Expertise in enhancing space situational awareness through advanced satellite tracking systems and international collaboration on space debris databases for better collision avoidance.
<b>Relevant SDGs</b>	9 (Industry, Innovation, and Infrastructure): Focuses on advancing technologies and infrastructure to ensure responsible space exploration and the development of innovative solutions to space debris challenges. 12 (Responsible Consumption and Production): Ensures that space activities are conducted with minimal environmental impact, focusing on sustainable practices and reducing space debris. 17 (Partnerships for the Goals): Strengthens international collaboration for space sustainability, particularly in debris management and safety standards.
<b>Name of relevant national stakeholder</b>	Korea AeroSpace Administration (KASA)